

WHAT IS CLAIMED IS:

- 1/ An assembly of a tubular element and at least one panel,
the assembly comprising at least one pair of fixing elements
suitable for being mounted on the tubular element, the pair
5 of fixing elements and the panel being configured in such a
manner as to enable the panel to be held between the fixing
elements, the fixing elements being disposed on either side
of the plane of the panel, wherein at least one of the fixing
elements includes at least one fixing tab suitable for
10 engaging in a corresponding slot formed in the tubular
element.
- 2/ An assembly according to claim 1, wherein at least one of
the fixing elements has a face for bearing against one side
15 of the panel.
- 3/ An assembly according to claim 1, wherein said at least
one fixing tab has a bearing surface suitable for bearing
against an inside wall of the tubular element.
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- 4/ An assembly according to claim 1, wherein at least one of
the fixing elements has at least two fixing tabs that are
offset relative to a central axis of the fixing element.
- 25 5/ An assembly according to claim 4, wherein the tubular
element has a plurality of slots enabling at least two pairs
of fixing elements to be fixed side by side.
- 6/ An assembly according to claim 1, wherein said at least
30 one fixing tab is configured in such a manner that when it is
inserted in the corresponding slot of the tubular element,
the fixing element can pivot relative to the tubular element,
at least prior to the panel being put into place.
- 35 7/ An assembly according to claim 1, wherein each of the
fixing elements has an opening, and the panel has a orifice,
and wherein said openings and said orifice are configured so

as to define a passage for the shank of a screw co-operating with a nut.

5 8/ An assembly according to claim 7, wherein at least one of the fixing elements includes a setback suitable for receiving a nut or the head of a screw, the depth of the setback being selected in particular in such a manner as to ensure that the nut or the head of the screw is received completely therein.

10 9/ An assembly according to claim 8, including at least one plug configured to be capable of engaging in the setback so as to cover the nut or the head of the screw.

15 10/ An assembly according to claim 1, wherein each of the fixing element is generally in the form of a half-shell.

11/ A fixing element for assembling a tubular element and a panel together, the fixing element including:

20 at least one fixing tab suitable for engaging in a slot of the tubular element;

an opening allowing a screw shank to pass through for holding the panel; and

a face for pressing against one side of the panel.

25 12/ A tubular element for an assembly according to claim 1, the tubular element having four slots disposed in a checkerboard configuration.